



Attorney Docket No.: 5655.204-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Pedersen et al.

Serial No.: 09/390,851

Group Art Unit: 1627

Filed: September 7, 1999

Examiner: Prasthoffer, T

Confirmation No: 7651

For: Enzyme Activity Screen With Direct Substrate Reloading

**PRELIMINARY AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Before examination, please amend the above-identified application as follows (a marked up version pursuant to 37 C.F.R. 1.21 is attached hereto):

**IN THE CLAIMS:**

~~Please cancel claims 1-27 without prejudice or disclaimer.~~

Please add new claims 28-55:

28. A method for identifying a catalyst of interest from a library of catalysts, said method comprising:

- a) providing a library of catalysts comprising at least two different units, wherein each of said units comprises a catalyst attached to at least one substrate, wherein said catalyst is attached to said at least one substrate in a manner that allows a catalytic reaction to occur between said catalyst and said at least one substrate;
- b) providing conditions suitable for said catalyst to catalyze the reaction of said at least one substrate to form one or more products, wherein at least one product of said catalytic reaction remains attached to said catalyst;
- c) providing at least one reagent or condition which converts said at least one attached product to at least one substrate so as to form said catalyst attached to said at least one substrate;
- d) repeating said b) and c) at least once; and
- e) selecting said catalyst with the desired catalytic activity.

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